



Michigan Crop Weather

Field Crops

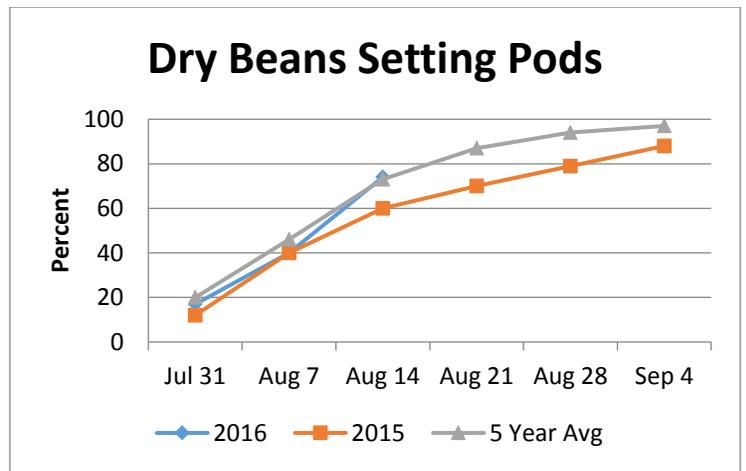
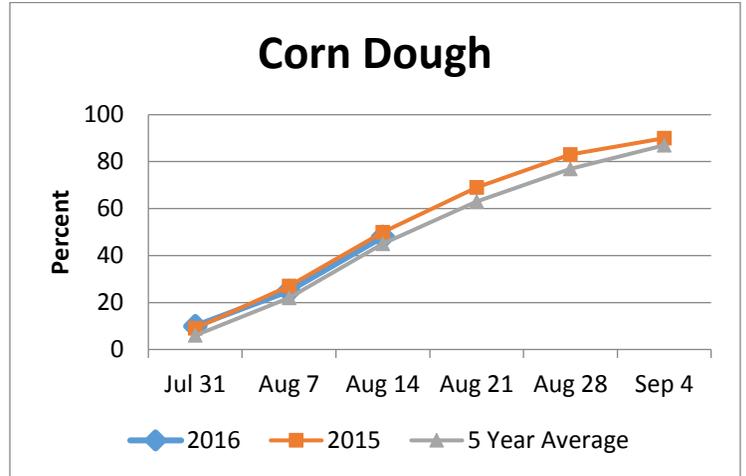
There were 5.5 days suitable for fieldwork in Michigan during the week ending August 14, 2016, according to Marlo Johnson, Director of the Great Lakes Regional office of the National Agricultural Statistics Service. The hot, dry weather continued to hamper crop development. A storm system moved through the State late in the week, which brought scattered showers to many areas; however, those who missed the rain continued to see deteriorating crop conditions. Much of the **corn** still showed moisture stress and the rain may have been too little too late to aid the crop during pollination. A few **dry beans** started to turn color and some insect pressure was reported. The much needed rain promoted growth in both **soybeans** and **sugarbeets**, although **soybeans** continued to set and fill pods slowly. **Oat** harvest neared completion. **Hay** harvest continued, but many accounts indicated a lack of growth for the second cutting due to dryness.

Fruit

Spotted wing Drosophila (SWD) trap catches continued to increase in small fruits; experts noted that overripe fruit and adverse weather conditions were causing SWD control failures and a rise of fruit infestations in **blueberries** and **raspberries**. **Blueberry** harvest continued; fruit was ripening quickly with recent hot weather and growers were complaining of soft fruit. **Tart cherry** harvest was nearly complete with most growers in the northwest having finished this week. Summer **raspberries** were near the end of the harvest season in the west central region while harvest of fall red **raspberries** and **blackberries** continued across the State. **Peach** harvest continued with PF Lucky 13, Redhaven, Starfire and Newhaven; smaller fruit size was common in areas where drought conditions have prevailed. Harvest of Japanese **plums** continued while European **plums** were coloring. Harvest of summer **apple** varieties was ongoing in the east, while fall varieties of **apples** continued to size and show early hints of color. **Pear** fruit ranged from 2 to 2.25 inches in diameter. European varieties of **grapes** were at berry touch while veraison started in early ripening varieties of **grapes**; some vineyards on well-drained soils were experiencing drought stress.

Vegetables

In East Michigan, **sweet corn**, **cabbage**, and **cucumber** harvest continued. **Potato** harvest in the southwest began as above average temperatures have allowed for timely crop maturity. **Carrots** in the western region were making significant progress despite fairly high disease pressure. Across most of the State warm, humid conditions continued to be conducive for foliar disease pressure. Growers are encouraged to continue scouting efforts early and often.



Crop Condition: Week Ending 08/14/16

Crop	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Corn.....	6	12	29	43	10
Soybeans	4	11	30	48	7
Dry Edible Beans.....	7	15	30	39	9
Sugarbeets	3	6	27	57	7
Range and Pasture	11	25	29	28	7

Crop Progress: Week Ending 08/14/16

Crop/Activity	Percent Completed			
	This week	Last week	Last year	5 Year average
Days Suitable for Fieldwork..	5.5	6.5	-	-
Corn Silking	94	91	99	97
Corn Dough.....	48	25	50	45
Corn Dented	1	0	1	5
Soybeans Blooming.....	93	89	99	97
Soybeans Setting Pods.....	75	60	83	79
Dry Beans Blooming	88	84	92	95
Dry Beans Setting Pods.....	74	40	60	73
Alfalfa Hay 2nd Cutting.....	91	86	86	NA
Alfalfa Hay 3rd Cutting.....	32	18	37	NA
Other Hay 2nd Cutting	75	69	75	NA
Other Hay 3rd Cutting	17	10	9	NA
Oats Mature	91	85	97	NA
Oats Harvested	53	34	52	63

Soil Moisture: Week Ending 08/14/16

Item	Very short	Short	Adequate	Surplus
	(percent)	(percent)	(percent)	(percent)
Topsoil moisture.....	17	32	47	4
Subsoil moisture.....	22	35	41	2

LAST WEEK WEATHER SUMMARY DATA April 1, 2016 - August 14, 2016													
STATION	TEMPERATURE				PRECIPITATION 4IN			AVG		PRECIPITATION		GDD BASE 50F	
	HI	LO	AVG	DFN	TOTAL	DAYS	SOIL	TEMP	TOTAL	DFN	DYS	TOTAL	DFN
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10 Western UP													
Clarksburg	86	43	65	-2	1.36	4		13.89	+2.22	55	1140	-83	
Hancock_Houghto	87	49	66	+1	1.87	4		12.85	+1.64	52	1257	+84	
Ironwood_Ag	82	52	67	+3	0.61	3		21.52	+6.55	64	1336	+126	
Marquette_Ag	88	59	69	+3	0.63	4		13.32	+1.65	57	1250	+27	
Menominee_AP	87	52	72	+4	0.39	3		10.23	-4.08	66	1607	-19	
Norway	88	56	71	+5	0.78	2		12.13	-2.00	52	1569	+141	
Paulding	84	47	66	+3	0.74	4		17.48	+3.91	63	1253	+94	
Stambaugh	87	44	67	+5	2.44	2		16.44	+1.67	59	1229	+176	
10 Eastern UP													
Chatham_Exp_Far	85	48	68	+3	0.74	3		13.19	+1.25	60	1319	+132	
Garden_Corners	86	48	71	+4	0.35	3		11.17	-0.98	49	1306	+22	
Manistique_WWTP	86	55	71	+6	0.71	3		14.12	+1.85	42	1138	+115	
Moran	86	47	69	+2	0.15	1		11.39	+0.58	42	1256	-26	
Newberry_City	85	50	68	+3	0.33	3		12.45	+0.19	62	1217	-22	
Rudyard_4N	86	42	67	+4	0.42	2		9.12	-2.92	46	1114	+18	
Sault_Ste_Marie	85	51	70	+6	0.42	2		11.01	-1.73	47	1446	+399	
20 Northwest LP													
Antrim_Co_Arpt	91	49	72	+6	0.31	3		6.22	-5.29	63	1617	+326	
Beulah_7SSW	89	53	73	+5	0.65	3		9.63	-3.32	47	1750	+269	
Cadillac_WWTP	92	50	73	+8	0.49	3		13.25	-0.04	54	1639	+318	
East_Jordan_2NW	90	50	73	+6	0.54	3		10.07	-2.33	42	1562	+129	
Kalkaska_Ag	92	55	73	+9	0.74	3		8.99	-3.91	45	1557	+280	
Lake_City_Exp_F	91	47	71	+6	0.56	3		13.78	+0.81	55	1538	+213	
NW_Michigan_Res	89	60	74	+8	0.44	3	83	9.07	-2.44	47	1761	+470	
Pellston_Regnl	89	46	71	+5	0.31	3		8.74	-2.10	51	1457	+257	
Traverse_City_M	90	54	73	+5	0.42	3		9.33	-3.64	47	1673	+131	
30 Northeast LP													
Alpena_Co_Regio	97	48	73	+8	0.59	2		9.48	-2.80	44	1658	+402	
Atlanta_5WNW	94	44	70	+4	0.81	3		10.39	-0.47	37	1408	+10	
Hale_5SSW	93	48	71	+5	2.11	2		11.60	-1.05	33	1516	+141	
Mio_WWTP	95	46	72	+6	0.91	3		10.05	-1.59	51	1587	+170	
Rogers_City_NO2	92	52	72	+6	0.82	3		9.71	-2.33	32	1557	+277	
Vanderbilt	91	43	70	+6	0.69	2		12.63	+0.04	38	1335	+158	
West_Branch	94	51	71	+5	1.35	3		12.37	-0.78	48	1640	+151	
40 West Central LP													
Fremont_4WSW	89	58	74	+7	0.98	3		13.50	+0.35	43	1875	+401	
Hart_3WSW	91	57	73	+6	0.30	3		13.53	-0.26	56	1728	+206	
Ludington_Mason	86	50	71	+3	0.09	3		7.98	-4.98	63	1548	-34	
Muskegon_Co_AP	88	57	75	+7	0.96	2		15.06	+2.70	50	1973	+346	
50 Central LP													
Alma_Ag	91	55	75	+7	1.26	3		12.39	-0.97	47	1878	+163	
Big_Rapids_WTR	90	52	72	+4	0.83	3		15.84	+1.99	54	1605	+9	
Gladwin	94	54	73	+6	1.90	3		13.22	+0.11	44	1777	+246	
Mount_Pleasant	94	54	76	+7	0.85	3		7.23	-6.33	63	1890	+198	
Oil_City_3E	92	53	74	+4	1.44	3		12.42	-0.31	54	1620	-312	
Reed_City_WWTP	90	53	73	+7	0.85	3		14.70	+1.60	55	1721	+312	
60 East Central LP													
Auburn_2NE	94	53	74	+4	0.95	3		12.30	-0.43	47	1799	-133	
Bad_Axe_Ag	91	54	74	+8	0.95	3		10.11	-3.09	44	1766	+268	
Saginaw_NO3	92	54	76	+6	1.10	3		13.18	+0.03	44	2014	+40	
Sandusky	92	54	76	+7	1.41	3		12.68	+0.97	42	1863	+212	
Vassar	92	53	74	+6	1.36	3		12.11	-1.23	42	1771	+30	
70 Southwest LP													
Benton_Harbor_A	95	57	77	+8	1.50	2		13.03	-2.28	52	2063	+308	
Bloomingtondale	92	54	75	+6	2.99	2		17.94	+1.95	44	1900	+203	
Dowagiac	92	56	77	+7	1.39	3		13.99	-2.21	49	1960	+140	
East_Grand_Rapi	92	56	75	+5	2.27	3		16.02	+0.36	49	1848	+34	
Kalamazoo_Intl	92	59	78	+6	1.69	2		17.98	+1.76	49	2156	+104	
Kent_City	92	53	74	+5	3.02	3		15.40	+3.04	53	1706	+79	
80 South Central LP													
Battle_Creek_5N	93	53	75	+6	2.00	4		13.58	-1.68	51	2043	+240	
Charlotte_WWTP	92	54	75	+7	1.60	3		13.84	-0.76	51	1866	+163	
Coldwater_Branc	91	58	76	+8	1.14	3		9.82	-6.43	58	2033	+273	
Hastings	92	54	75	+6	5.40	3		18.91	+3.66	53	1863	+136	
Hillsdale_Ag	92	59	77	+9	1.21	4		15.05	-1.61	53	1933	+234	
Lansing	94	54	77	+8	1.96	3		12.32	-1.21	48	2072	+370	
Owosso_WWTP	92	55	75	+7	2.07	3		14.17	+1.16	47	1906	+266	
Three_Rivers_Ag	92	58	76	+7	2.03	2		15.33	-1.16	51	1945	+161	
90 Southeast LP													
Burton	95	52	75	+6	0.68	3		12.26	-1.32	53	1763	+63	
Farmington	94	56	77	+5	0.83	3		10.80	-3.28	46	1951	-85	
Grosse_Pte_Farm	97	61	79	+7	1.12	3		10.19	-4.42	37	2056	+59	
Lapeer_WWTP	94	54	76	+8	1.16	3		11.86	-1.53	42	1917	+291	
Newport_4SSE	96	58	79	+7	0.96	3		10.47	-4.35	51	2135	+5	
Richmond_4NNW	92	55	77	+7	2.05	3		14.11	+0.29	38	1949	+150	
Saline_WWTP	95	52	77	+6	0.46	2		11.18	-3.32	49	2005	+62	
Tipton	93	58	76	+7	0.68	3		15.15	+0.00	47	1968	+135	
Whitmore_Lake	92	55	74	+5	0.05	1		12.15	-0.42	40	1830	+82	
Yale	93	51	75	+6	1.89	3		12.21	+0.50	38	1756	+105	

Summary based on NWS data. DFN = Departure from Normal. Precipitation (rain or melted snow/ice) in inches. Air Temperatures in Degrees Fahrenheit. Normals period 1971-2000 Used in DFN calculations. For more weather information visit www.awis.com or call 1-888-798-9955. Copyright 2016: Agricultural Weather Information Service, Inc. All rights reserved.